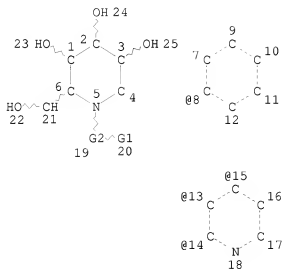


=> d 13
 L3 HAS NO ANSWERS
 L3 STR

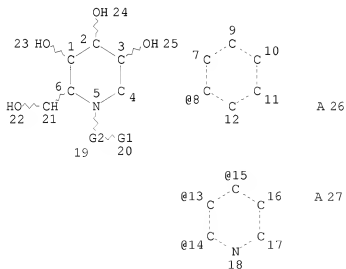


VAR G1=8/15/13/14
 REP G2=(1-4) CH
 NODE ATTRIBUTES:
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RSPEC 4 14 11
 NUMBER OF NODES IS 25

STEREO ATTRIBUTES: NONE

=> d 18
 L8 HAS NO ANSWERS
 L8 STR



VAR G1=8/15/13/14
REP G2=(1-4) CH
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ELEVEL IS LIMITED

GRAPH ATTRIBUTES:
RSPEC 4 14 11
NUMBER OF NODES IS 27

STEREO ATTRIBUTES: NONE

=> d his 15

(FILE 'REGISTRY' ENTERED AT 15:38:52 ON 12 NOV 2008)
L5 218 S L3 FUL

=> d his 19

(FILE 'REGISTRY' ENTERED AT 15:43:27 ON 12 NOV 2008)
L9 144 SEARCH L8 SSS SUB=L5 FUL

=> fil caplus

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|----------------------|------------------|---------------|
| FULL ESTIMATED COST | 48.08 | 229.89 |

FILE 'CAPLUS' ENTERED AT 15:51:32 ON 12 NOV 2008
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FILE COVERS 1907 - 12 Nov 2008 VOL 149 ISS 20
FILE LAST UPDATED: 11 Nov 2008 (20081111/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s 19

L10 37 L9

=> d bib 1-37

L10 ANSWER 1 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2008:720125 CAPLUS
 DN 149:104947
 TI 1-Deoxynojirimycin(DNJ) derivatives, their preparation and application
 IN Liu, Hongmin; Zhang, Hongyu; Zhao, Yufen
 PA Zhengzhou University, Peop. Rep. China
 SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 9pp.
 CODEN: CNXXEV
 DT Patent
 LA Chinese
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|------------------|------|----------|------------------|----------|
| PI | CN 101195602 | A | 20080611 | CN 2007-10300062 | 20071225 |
| PRAI | CN 2007-10300062 | | 20071225 | | |

L10 ANSWER 2 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2007:1360775 CAPLUS
 DN 148:33972
 TI Preparation of deoxynojirimycin and D-arabinitol analogs as
 α -glucosidase inhibitors
 IN Butters, Terry D.; Dwek, Raymond A.; Fleet, George W. J.
 PA UK
 SO U.S. Pat. Appl. Publ., 21pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---|------|----------|-----------------|----------|
| PI | US 20070275998 | A1 | 20071129 | US 2007-752015 | 20070522 |
| | WO 2007140184 | A2 | 20071206 | WO 2007-US69448 | 20070522 |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM PRAI US 2006-802776P P 20060524 OS MARPAT 148:33972 | | | | |

L10 ANSWER 3 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2006:1229193 CAPLUS
 DN 146:798
 TI A method for the treatment of Pompe disease using 1-deoxynojirimycin and
 derivatives
 IN Mugrage, Benjamin
 PA Amicus Therapeutics, Inc., USA
 SO PCT Int. Appl., 102pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---------------|------|----------|-----------------|----------|
| PI | WO 2006125141 | A2 | 20061123 | WO 2006-US19406 | 20060517 |

WO 2006125141 A3 20070913

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

AU 2006247065 A1 20061123 AU 2006-247065 20060517
CA 2612538 A1 20061123 CA 2006-2612538 20060517
US 20060264467 A1 20061123 US 2006-440473 20060517
EP 1896083 A2 20080312 EP 2006-770637 20060517

R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU

MX 200714470 A 20080206 MX 2007-14470 20071116
KR 2008025373 A 20080320 KR 2007-729464 20071217
IN 2007DN09766 A 20080620 IN 2007-DN9766 20071217

PRAI US 2005-682241P P 20050517
US 2005-729329P P 20051021
WO 2006-US19406 W 20060517

OS MARPAT 146:798

L10 ANSWER 4 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:673262 CAPLUS
DN 143:153648
TI Preparation of piperidine imino sugar derivatives as glucosylceramide synthase (GCS) inhibitors
IN Scopes, David Ian Carter; Orchard, Michael Glen
PA Celltech R & D Limited, UK
SO PCT Int. Appl., 23 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|------------------|----------|
| PI WO 2005068426 | A1 | 20050728 | WO 2005-GB71 | 20050111 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| AU 2005205221 | A1 | 20050728 | AU 2005-205221 | 20050111 |
| CA 2552550 | A1 | 20050728 | CA 2005-2552550 | 20050111 |
| EP 1709000 | A1 | 20061011 | EP 2005-701841 | 20050111 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS | | | | |
| CN 1910150 | A | 20070207 | CN 2005-80002309 | 20050111 |
| BR 2005006843 | A | 20070612 | BR 2005-6843 | 20050111 |

JP 2007517846 T 20070705 JP 2006-548389 20050111
 US 20080234324 A1 20080925 US 2006-586188 20060714
 PRAI GB 2004-812 A 20040114
 WO 2005-GB71 W 20050111

OS CASREACT 143:153648; MARPAT 143:153648

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 5 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2005:482808 CAPLUS
 DN 143:109781
 TI Immunoregulator for inhibiting interleukin-4 and stimulating interferon
 and preparing method thereof
 IN Zhang, Xiaolian; Zhou, Xiang; Xie, Peng
 PA Wuhan Univ., Peop. Rep. China
 SO Faming Zhuanli Shenqing Gongkai Shuomingshu, No pp. given
 CODEN: CNXXEV
 DT Patent
 LA Chinese
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|------------------|------|----------|------------------|----------|
| PI | CN 1528747 | A | 20040915 | CN 2003-10111254 | 20031021 |
| | CN 1243737 | C | 20060301 | | |
| PRAI | CN 2003-10111254 | | 20031021 | | |

L10 ANSWER 6 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2004:1127337 CAPLUS
 DN 142:74459
 TI Preparation of 2-hydroxymethyl-3,4,5-trihydroxy-1-benzilpiperidine
 derivatives as glucosylceramide inhibitors
 IN Orchard, Michael Glen
 PA Oxford Glycosciences UK Limited, UK
 SO PCT Int. Appl., 18 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---|------|----------|------------------|----------|
| PI | WO 2004111002 | A1 | 20041223 | WO 2004-GB2451 | 20040609 |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| | RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| | AU 2004247469 | A1 | 20041223 | AU 2004-247469 | 20040609 |
| | CA 2528323 | A1 | 20041223 | CA 2004-2528323 | 20040609 |
| | EP 1636186 | A1 | 20060322 | EP 2004-736403 | 20040609 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK | | | | |
| | BR 2004011308 | A | 20060711 | BR 2004-11308 | 20040609 |
| | CN 1805933 | A | 20060719 | CN 2004-80016298 | 20040609 |
| | JP 2006527253 | T | 20061130 | JP 2006-516391 | 20040609 |
| | US 20070112028 | A1 | 20070517 | US 2007-560385 | 20070112 |

PRAI GB 2003-13678 A 20030613
 WO 2004-GB2451 W 20040609
 OS CASREACT 142:74459; MARPAT 142:74459
 RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 7 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2004:1127336 CAPLUS
 DN 142:56619
 TI Preparation of 2-hydroxymethyl-3,4,5-trihydroxy-1-(4-pentyloxybenzyl)-
 piperidine as glucosylceramide synthase inhibitor
 IN Orchard, Michael Glen; Scopes, David Ian Carter
 PA Oxford Glycosciences UK Ltd, UK
 SO PCT Int. Appl., 16 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|------------------|----------|
| PI | WO 2004111001 | A1 | 20041223 | WO 2004-GB2450 | 20040609 |
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| | RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TG, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| | AU 2004247468 | A1 | 20041223 | AU 2004-247468 | 20040609 |
| | CA 2528322 | A1 | 20041223 | CA 2004-2528322 | 20040609 |
| | EP 1641755 | A1 | 20060405 | EP 2004-736421 | 20040609 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK | | | | |
| | CN 1805934 | A | 20060719 | CN 2004-80016299 | 20040609 |
| | BR 2004011293 | A | 20060829 | BR 2004-11293 | 20040609 |
| | JP 2006527252 | T | 20061130 | JP 2006-516390 | 20040609 |
| | US 20070259918 | A1 | 20071108 | US 2007-560383 | 20070329 |
| PRAI | GB 2003-13677 | A | 20030613 | | |
| | WO 2004-GB2450 | W | 20040609 | | |
| OS | MARPAT 142:56619 | | | | |

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 8 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2004:498585 CAPLUS
 DN 141:207451
 TI Specific inhibition effects of N-pentafluorobenzyl-1-deoxynojirimycin on human CD4+ T cells
 AU Zhang, Xiao-Lian; Liu, Min; Xie, Peng; Wan, Shuhui; Tao Ye, Jia; Zhou, Xiang; Wu, Jianguo
 CS Department of Immunology, College of Medicine, Wuhan University, Wuhan, 430071, Peop. Rep. China
 SO Bioorganic & Medicinal Chemistry Letters (2004), 14(14), 3789-3792
 CODEN: BMCLE8; ISSN: 0960-894X
 PB Elsevier Science B.V.
 DT Journal
 LA English

OS CASREACT 141:207451

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 9 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2004:60472 CAPLUS

DN 140:94233

TI Preparation of aza-sugar piperidinetriol derivatives as antiviral and
antitumor agents and inhibitors of glycosylceramide synthase

IN Ali, Mezher Hussein; Orchard, Michael Glen

PA Oxford Glycosciences (UK) Ltd., UK

SO PCT Int. Appl., 31 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|----------------|--|----------|-----------------|----------|
| PI | WO 2004007454 | A1 | 20040122 | WO 2003-GB3244 | 20030717 |
| | W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | |
| | RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |
| | CA 2492410 | A1 | 20040122 | CA 2003-2492410 | 20030717 |
| | AU 2003248960 | A1 | 20040202 | AU 2003-248960 | 20030717 |
| | EP 1554245 | A1 | 20050720 | EP 2003-764031 | 20030717 |
| | R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | |
| | JP 2005536506 | T | 20051202 | JP 2004-520913 | 20030717 |
| | US 20060111400 | A1 | 20060525 | US 2005-522207 | 20051027 |
| PRAI | GB 2002-16656 | A | 20020717 | | |
| | GB 2003-1480 | A | 20030122 | | |
| | GB 2003-13674 | A | 20030613 | | |
| | WO 2003-GB3244 | W | 20030717 | | |

OS MARPAT 140:94233

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 10 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2004:60471 CAPLUS

DN 140:94232

TI Preparation of aza-sugar piperidinetriol derivatives as antiviral and
antitumor agents and inhibitors of glycosylceramide synthase

IN Ali, Mezher Hussein; Orchard, Michael Glen

PA Oxford Glycosciences (UK) Ltd., UK

SO PCT Int. Appl., 44 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---------------|---|----------|-----------------|----------|
| PI | WO 2004007453 | A1 | 20040122 | WO 2003-GB3099 | 20030717 |
| | W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, | | | |

GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2492404 A1 20040122 CA 2003-2492404 20030717
AU 2003246942 A1 20040202 AU 2003-246942 20030717
EP 1534676 A1 20050601 EP 2003-764025 20030717

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

JP 2005536503 T 20051202 JP 2004-520900 20030717
US 20060058349 A1 20060316 US 2005-522208 20051027

PRAI GB 2002-16656 A 20020717
GB 2003-1480 A 20030122
GB 2003-13679 A 20030613
WO 2003-GB3099 W 20030717

OS MARPAT 140:94232

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 11 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2000:573657 CAPLUS

DN 133:172150

TI Use of substituted-1,5-dideoxy-1,5-imino-D-glucitol compounds for treating hepatitis virus infections

IN Mueller, Richard A.; Bryant, Martin L.; Partis, Richard A.

PA G.D. Searle and Co., USA

SO PCT Int. Appl., 170 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | WO 2000047198 | A2 | 20000817 | WO 2000-US3768 | 20000214 |
| | WO 2000047198 | A3 | 20010215 | | |
| | W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW | | | | |
| | RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| | CA 2362914 | A1 | 20000817 | CA 2000-2362914 | 20000214 |
| | EP 1165080 | A2 | 20020102 | EP 2000-914585 | 20000214 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| | JP 2002536407 | T | 20021029 | JP 2000-598151 | 20000214 |
| | US 6545021 | B1 | 20030408 | US 2000-503945 | 20000214 |
| | EP 1658846 | A1 | 20060524 | EP 2005-27240 | 20000214 |
| | EP 1658846 | B1 | 20080730 | | |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL | | | | |
| | AT 402701 | T | 20080815 | AT 2005-27240 | 20000214 |
| | US 20030220299 | A1 | 20031127 | US 2003-341717 | 20030114 |
| | US 20060264468 | A1 | 20061123 | US 2006-472542 | 20060622 |
| PRAI | US 1999-119722P | P | 19990212 | | |

US 1999-119856P P 19990212
 EP 2000-914585 A3 20000214
 US 2000-503945 A1 20000214
 WO 2000-US3768 W 20000214
 US 2003-341717 B1 20030114

OS MARPAT 133:172150

L10 ANSWER 12 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1998:209108 CAPLUS

DN 129:2068

OREF 129:515a,518a

TI A glycosidase antibody elicited against a chair-like transition state analog by in vitro immunization

AU Yu, Jaehoon; Choi, So Young; Moon, Kyung-Duk; Chung, Hyun-Ho; Youn, Hyun Joo; Jeong, Sunjoo; Park, Hokoon; Schultz, Peter G.

CS Division Applied Science, Korea Institute Science Technology, Seoul, 131-791, S. Korea

SO Proceedings of the National Academy of Sciences of the United States of America (1998), 95(6), 2880-2884

CODEN: PNASA6; ISSN: 0027-8424

PB National Academy of Sciences

DT Journal

LA English

RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 13 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1997:119556 CAPLUS

DN 126:225483

OREF 126:43611a,43614a

TI New deoxynojirimycin derivatives as potent inhibitors of intestinal α -glucosidases

AU Lesur, Brigitte; Ducep, Jean-Bernard; Lalloz, Marie-Noelle; Ehrhard, Anne; Danzin, Charles

CS Marion Merrell Res. Inst., Strasbourg, 67080, Fr.

SO Bioorganic & Medicinal Chemistry Letters (1997), 7(3), 355-360

CODEN: BMCLE8; ISSN: 0960-894X

PB Elsevier

DT Journal

LA English

RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 14 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1996:469931 CAPLUS

DN 125:196238

OREF 125:36771a,36774a

TI Preparation of N-derivatives of 1-deoxynojirimycin for treatment of hyperglycemia, obesity, and human immunodeficiency virus infection.

IN Lesur, Brigitte; Ducep, Jean-Bernard; Danzin, Charles

PA Merrell Pharmaceuticals Inc., USA

SO U.S., 15 pp., Cont.-in-part of U.S. 5, 252, 587.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 3

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|------------|------|----------|-----------------|----------|
| | ----- | --- | ----- | ----- | ----- |
| PI | US 5536732 | A | 19960716 | US 1993-92183 | 19930714 |
| | EP 453692 | A1 | 19911030 | EP 1990-401169 | 19900427 |
| | R: FR | | | | |

US 5252587 A 19931012 US 1992-898992 19920615
 PRAI EP 1990-401169 A 19900427
 US 1991-691189 B2 19910425
 US 1992-898992 A2 19920615
 OS MARPAT 125:196238

L10 ANSWER 15 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1994:457880 CAPLUS
 DN 121:57880
 OREF 121:10453a,10456a
 TI Preparation of N-(silylalkyl)deoxynojirimycin derivatives and related compounds for treatment of hyperglycemia
 IN Lesur, Brigitte; Ducep, Jean Bernard; Danzin, Charles
 PA Merrell Dow Pharmaceuticals, Inc., USA
 SO U.S., 16 pp. Cont.-in-part of U.S. Ser. No. 691,189, abandoned.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 3

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|------------------|------|----------|-----------------|----------|
| PI | US 5252587 | A | 19931012 | US 1992-898992 | 19920615 |
| | EP 453692 | A1 | 19911030 | EP 1990-401169 | 19900427 |
| | R: FR | | | | |
| | US 5536732 | A | 19960716 | US 1993-92183 | 19930714 |
| PRAI | EP 1990-401169 | A | 19900427 | | |
| | US 1991-691189 | B2 | 19910425 | | |
| | US 1992-898992 | A2 | 19920615 | | |
| OS | MARPAT 121:57880 | | | | |

L10 ANSWER 16 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1993:496007 CAPLUS
 DN 119:96007
 OREF 119:17345a,17348a
 TI Chemical modification of aza sugars, inhibitors of N-glycoprotein-processing glycosidases and of HIV-I infection. Review and structure-activity relationships
 AU van den Broek, L. A. G. M.; Vermaas, D. J.; Heskamp, B. M.; van Boeckel, C. A. A.; Tan, M. C. A. A.; Bolscher, J. G. M.; Floegh, H. L.; van Kemenade, F. J.; de Goede, R. E. Y.; Miedema, F.
 CS Dep. Med. Chem. III, Organon Int. BV, Oss, 5340 BH, Neth.
 SO Recueil des Travaux Chimiques des Pays-Bas (1993), 112(2), 82-94
 CODEN: RTCPA3; ISSN: 0165-0513
 DT Journal
 LA English

L10 ANSWER 17 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1992:236093 CAPLUS
 DN 116:236093
 OREF 116:40021a,40024a
 TI Preparation of 1-deoxygalactostatin derivatives as β -galactosidase inhibitors
 IN Ezure, Yohji; Maruo, Shigeaki; Miyazaki, Katsunori; Yamada, Naoyoshi
 PA Nippon Shinyaku Co., Ltd., Japan
 SO PCT Int. Appl., 34 pp.
 CODEN: P1XXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------------|------|-------|-----------------|-------|
| | ----- | ---- | ----- | ----- | ----- |

PI WO 9200277 A1 19920109 WO 1991-JP866 19910627
 W: CA, JP, NO, US
 RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE
 CA 2086413 A1 19911230 CA 1991-2086413 19910627
 EP 536402 A1 19930414 EP 1991-911965 19910627
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE
 PRAI JP 1990-173629 A 19900629
 JP 1991-35546 A 19910204
 WO 1991-JP866 W 19910627
 OS MARPAT 116:236093

L10 ANSWER 18 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1991:566624 CAPLUS
 DN 115:166624
 OREF 115:28359a,28362a
 TI Antiviral drug formulations containing moranoline derivatives
 IN Yoshikuni, Yoshiaki; Nakane, Masayuki
 PA Nippon Shinyaku Co., Ltd., Japan
 SO PCT Int. Appl., 38 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | WO 9103242 | A1 | 19910321 | WO 1990-JP1141 | 19900906 |
| | W: CA, JP, KR, US | | | | |
| | RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, LU, NL, SE | | | | |
| | CA 2065446 | A1 | 19910308 | CA 1990-2065446 | 19900906 |
| | EP 491041 | A1 | 19920624 | EP 1990-913255 | 19900906 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE | | | | |
| PRAI | JP 1989-232135 | A | 19890907 | | |
| | JP 1990-120422 | A | 19900510 | | |
| | WO 1990-JP1141 | W | 19900906 | | |
| OS | MARPAT 115:166624 | | | | |

L10 ANSWER 19 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1991:444896 CAPLUS
 DN 115:44896
 OREF 115:7705a,7708a
 TI Effect of 1-epoxyalkyl-1-deoxynojirimycins on exoglucosidases
 AU Liotta, Louis J.; Lee, Jeehiun; Ganem, Bruce
 CS Dep. Chem., Cornell Univ., Ithaca, NY, 14853, USA
 SO Tetrahedron (1991), 47(14-15), 2433-47
 CODEN: TETRAB; ISSN: 0040-4020
 DT Journal
 LA English
 OS CASREACT 115:44896

L10 ANSWER 20 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1991:185939 CAPLUS
 DN 114:185939
 OREF 114:31427a
 TI Preparation of N-substituted 1-deoxynojirimycins as tumor metastasis inhibitors.
 IN Kurihara, Hiroshi; Yoshida, Seishi; Tsuruoka, Tsutomu; Tsuruoka, Takashi; Yamamoto, Haruo; Fukuyasu, Shunkai
 PA Meiji Seika Kaisha, Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 12 pp.
 CODEN: JKXXAF
 DT Patent

LA Japanese

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--|------|----------|-----------------|----------|
| PI | JP 02306962 | A | 19901220 | JP 1989-127499 | 19890519 |
| PRAI | JP 1989-127499 | | 19890519 | | |
| OS | CASREACT 114:185939; MARPAT 114:185939 | | | | |

L10 ANSWER 21 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1990:526581 CAPLUS

DN 113:126581

OREF 113:21313a,21316a

TI Use of 2-hydroxymethyl-3,4,5-trihydroxypiperidines as antiviral agents
 IN Boeshagen, Horst; Junge, Bodo; Kinast, Guenther; Schueller, Matthias;
 Stoltefuss, Juergen; Paessens, Arnold

PA Bayer A.-G., Fed. Rep. Ger.

SO Eur. Pat. Appl., 18 pp.

CODEN: EPXXDW

DT Patent

LA German

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | EP 315017 | A2 | 19890510 | EP 1988-117701 | 19881025 |
| | R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, NL, SE | | | | |
| | DE 3737523 | A1 | 19890518 | DE 1987-3737523 | 19871105 |
| | US 5051407 | A | 19910924 | US 1988-259932 | 19881019 |
| | JP 01151593 | A | 19890614 | JP 1988-273377 | 19881031 |
| PRAI | DE 1987-3737523 | A | 19871105 | | |
| OS | MARPAT 113:126581 | | | | |

L10 ANSWER 22 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1990:172331 CAPLUS

DN 112:172331

OREF 112:28907a,28910a

TI Moranoline derivatives as thrombolytics

IN Yoshikuni, Yoshiaki; Ojima, Nobutoshi; Mori, Kazuya

PA Nippon Shinyaku Co., Ltd., Japan

SO Eur. Pat. Appl., 15 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|-------------------|------|----------|-----------------|----------|
| PI | EP 319986 | A2 | 19890614 | EP 1988-120564 | 19881208 |
| | EP 319986 | A3 | 19920930 | | |
| | EP 319986 | B1 | 19970312 | | |
| | R: AT, DE, IT, NL | | | | |
| | GB 2213374 | A | 19890816 | GB 1988-27927 | 19881130 |
| | GB 2213374 | B | 19920129 | | |
| | IL 88573 | A | 19940530 | IL 1988-88573 | 19881204 |
| | JP 01250350 | A | 19891005 | JP 1988-308548 | 19881206 |
| | JP 07051505 | B | 19950605 | | |
| | FR 2626470 | A1 | 19890804 | FR 1988-16071 | 19881207 |
| | FR 2626470 | B1 | 19941209 | | |
| | CH 677610 | A5 | 19910614 | CH 1988-4527 | 19881207 |
| | SE 8804436 | A | 19890610 | SE 1988-4436 | 19881208 |
| | SE 502110 | C2 | 19950821 | | |
| | BE 1004874 | A4 | 19930216 | BE 1988-1375 | 19881208 |
| | AT 149836 | T | 19970315 | AT 1988-120564 | 19881208 |

| | | | | | |
|------|-------------------|----|----------|----------------|----------|
| | CA 1316831 | C | 19930427 | CA 1988-585530 | 19881209 |
| | US 5192772 | A | 19930309 | US 1991-747454 | 19910812 |
| | US 5292750 | A | 19940308 | US 1992-941792 | 19920908 |
| PRAI | JP 1987-311348 | A | 19871209 | | |
| | US 1988-281495 | B1 | 19881208 | | |
| | US 1991-747454 | A3 | 19910812 | | |
| OS | MARPAT 112:172331 | | | | |

L10 ANSWER 23 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1989:128079 CAPLUS
 DN 110:128079
 OREF 110:20943a,20946a
 TI Inhibition of intestinal α -glucosidase and postprandial hyperglycemia by N-substituted moranoline derivatives [Erratum to document cited in CA109(15):121981y]
 AU Yoshikuni, Yoshiaki; Ezure, Yohji; Aoyagi, Yoshiaki; Enomoto, Hiroshi
 CS Res. Lab., Nippon Shinyaku Co., Ltd., Kyoto, 601, Japan
 SO Journal of Pharmacobio-Dynamics (1988), 11(12), 849
 CODEN: JOPHDQ; ISSN: 0386-846X
 DT Journal
 LA English

L10 ANSWER 24 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1988:521981 CAPLUS
 DN 109:121981
 OREF 109:20139a,20142a
 TI Inhibition of intestinal α -glucosidase and postprandial hyperglycemia by N-substituted moranoline derivatives
 AU Yoshikuni, Yoshiaki; Ezure, Yohji; Aoyagi, Yoshiaki; Enomoto, Hiroshi
 CS Res. Lab., Nippon Shinyaku Co., Ltd., Kyoto, 601, Japan
 SO Journal of Pharmacobio-Dynamics (1988), 11(5), 356-62
 CODEN: JOPHDQ; ISSN: 0386-846X
 DT Journal
 LA English

L10 ANSWER 25 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1986:627237 CAPLUS
 DN 105:227237
 OREF 105:36715a,36718a
 TI Mannodeoxynojirimycin derivatives
 IN Kinast, Guenther
 PA Bayer A.-G., Fed. Rep. Ger.
 SO Ger. Offen., 37 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| | ----- | --- | ----- | ----- | ----- |
| PI | DE 3507019 | A1 | 19860828 | DE 1985-3507019 | 19850228 |
| | EP 193770 | A2 | 19860910 | EP 1986-101966 | 19860217 |
| | EP 193770 | A3 | 19870513 | | |
| | R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE | | | | |
| | JP 61200967 | A | 19860905 | JP 1986-38457 | 19860225 |
| PRAI | DE 1985-3507019 | A | 19850228 | | |
| OS | CASREACT 105:227237; MARPAT 105:227237 | | | | |

L10 ANSWER 26 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1984:530030 CAPLUS
 DN 101:130030
 OREF 101:19773a,19776a

TI Comparison of 'soft ionization' techniques with electron impact mass spectrometry for desoxinojirimycin and folic acid derivatives
 AU Wuensche, C.; Benninghoven, A.; Eicke, A.; Heinen, H. J.; Ritter, H. P.; Taylor, L. C. E.; Veith, J.
 CS Bayer A.-G., Wuppertal, D5600, Fed. Rep. Ger.
 SO Organic Mass Spectrometry (1984), 19(4), 176-82
 CODEN: ORMSBG; ISSN: 0030-493X
 DT Journal
 LA English

L10 ANSWER 27 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1982:563421 CAPLUS
 DN 97:163421

OREF 97:27273a,27276a

TI Bispiperidine compounds

IN Matsumura, Shingo; Enomoto, Hiroshi; Aoyagi, Yoshiaki; Yoshikuni, Yoshiaki; Yagi, Masahiro; Kura, Kohei; Shirahase, Ichiro

PA Nippon Shinyaku Co., Ltd., Japan

SO U.S., 4 pp. Cont.-in-part of U.S. Ser. No. 229,278, abandoned.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|------------------|------|----------|-----------------|----------|
| PI | US 4336373 | A | 19820622 | US 1981-247885 | 19810326 |
| | JP 56108767 | A | 19810828 | JP 1980-9173 | 19800128 |
| | JP 63012063 | B | 19880317 | | |
| PRAI | JP 1980-9173 | A | 19800128 | | |
| | US 1981-229278 | A2 | 19810128 | | |
| OS | MARPAT 97:163421 | | | | |

L10 ANSWER 28 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1982:563420 CAPLUS
 DN 97:163420

OREF 97:27273a,27276a

TI Quaternary ammonium-substituted N-cinnamylpiperidines

IN Matsumura, Shingo; Enomoto, Hiroshi; Aoyagi, Yoshiaki; Yoshikuni, Yoshiaki; Yagi, Masahiro; Kura, Kohei; Shirahase, Ichiro

PA Nippon Shinyaku Co., Ltd., Japan

SO U.S., 5 pp. Cont.-in-part of U.S. Ser. No. 229,277, abandoned.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|------------------|------|----------|-----------------|----------|
| PI | US 4336374 | A | 19820622 | US 1981-247884 | 19810326 |
| | JP 56108768 | A | 19810828 | JP 1980-9174 | 19800128 |
| | JP 63012064 | B | 19880317 | | |
| PRAI | JP 1980-9174 | A | 19800128 | | |
| | US 1981-229277 | A2 | 19810128 | | |
| OS | MARPAT 97:163420 | | | | |

L10 ANSWER 29 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1982:163114 CAPLUS
 DN 96:163114

OREF 96:26875a,26878a

TI Cinnamyl moranoline derivatives

IN Matsumura, Shingo; Enomoto, Hiroshi; Aoyagi, Yoshiaki; Yoshikuni, Yoshiaki; Yagi, Masahiro; Kura, Kohei; Shirahase, Ichiro

PA Nippon Shinyaku Co., Ltd., Japan
 SO Brit. UK Pat. Appl., 7 pp.
 CODEN: BAXXD0
 DT Patent
 LA English
 FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--------------|------|----------|-----------------|----------|
| PI | GB 2067990 | A | 19810805 | GB 1981-186 | 19810106 |
| | GB 2067990 | B | 19840725 | | |
| | JP 56108768 | A | 19810828 | JP 1980-9174 | 19800128 |
| | JP 63012064 | B | 19880317 | | |
| | FR 2478094 | A1 | 19810918 | FR 1981-1519 | 19810127 |
| | FR 2478094 | B1 | 19830909 | | |
| | DE 3102768 | A1 | 19820107 | DE 1981-3102768 | 19810128 |
| | CH 643831 | A5 | 19840629 | CH 1981-546 | 19810128 |
| PRAI | JP 1980-9174 | A | 19800128 | | |

L10 ANSWER 30 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1982:117597 CAPLUS

DN 96:117597

OREF 96:19243a,19246a

TI Herbicidal composition containing piperidine derivatives

IN Berg, Dieter; Junge, Bodo; Stoltefuss, Juergen; Schmidt, Robert Rudolf

PA Bayer A.-G., Fed. Rep. Ger.

SO Ger. Offen., 30 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--------------------|------|----------|-----------------|----------|
| PI | DE 3024901 | A1 | 19820128 | DE 1980-3024901 | 19800701 |
| PRAI | DE 1980-3024901 | A | 19800701 | | |
| OS | CASREACT 96:117597 | | | | |

L10 ANSWER 31 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1982:35614 CAPLUS

DN 96:35614

OREF 96:5901a,5904a

TI Bis(moranoline) derivatives and their use for inhibiting an increase in blood sugar

IN Matsumura, Shingo; Enomoto, Hiroshi; Aoyagi, Yoshiaki; Yoshikuni,

Yoshiaki; Yagi, Masahiro; Kura, Kohei; Shiharase, Ichiro

PA Nippon Shinyaku Co., Ltd., Japan

SO Fr. Demande, 10 pp.

CODEN: FRXXBL

DT Patent

LA French

FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--------------|------|----------|-----------------|----------|
| PI | FR 2474498 | A1 | 19810731 | FR 1981-1520 | 19810127 |
| | FR 2474498 | B1 | 19860926 | | |
| | JP 56108767 | A | 19810828 | JP 1980-9173 | 19800128 |
| | JP 63012063 | B | 19880317 | | |
| | GB 2067989 | A | 19810805 | GB 1981-185 | 19810106 |
| | GB 2067989 | B | 19840125 | | |
| | CH 643830 | A5 | 19840629 | CH 1981-514 | 19810127 |
| | DE 3102769 | A1 | 19820204 | DE 1981-3102769 | 19810128 |
| PRAI | JP 1980-9173 | A | 19800128 | | |

L10 ANSWER 32 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1981:563893 CAPLUS

DN 95:163893

OREF 95:27307a,27310a

TI Plant growth regulators

PA Nippon Shinyaku Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 13 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|----------------|------|----------|-----------------|----------|
| PI | JP 56083409 | A | 19810708 | JP 1979-162214 | 19791213 |
| | JP 61040201 | B | 19860908 | | |
| PRAI | JP 1979-162214 | A | 19791213 | | |

L10 ANSWER 33 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1981:425527 CAPLUS

DN 95:25527

OREF 95:4471a,4474a

TI 3,4,5-Trihydroxypiperidine derivatives and their use as pharmaceuticals or in animal feeds

IN Boeshagen, Horst; Junge, Bodo; Stoltefuss, Juergen; Schmidt, Delf; Krause, Hans Peter; Puls, Walter

PA Bayer A.-G., Fed. Rep. Ger.

SO Ger. Offen., 64 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---|------|----------|-----------------|----------|
| PI | DE 2922760 | A1 | 19801211 | DE 1979-2922760 | 19790605 |
| | AU 8058525 | A | 19801211 | AU 1980-58525 | 19800519 |
| | AU 539847 | B2 | 19841018 | | |
| | NO 8001553 | A | 19801208 | NO 1980-1553 | 19800523 |
| | EP 19899 | A1 | 19801210 | EP 1980-102943 | 19800527 |
| | EP 19899 | B1 | 19840718 | | |
| | R: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE | | | | |
| | AT 8500 | T | 19840815 | AT 1980-102943 | 19800527 |
| | SU 1017168 | A3 | 19830507 | SU 1980-2926999 | 19800528 |
| | IL 60210 | A | 19831130 | IL 1980-60210 | 19800602 |
| | FI 8001787 | A | 19801206 | FI 1980-1787 | 19800603 |
| | JP 55164676 | A | 19801222 | JP 1980-73815 | 19800603 |
| | JP 01000949 | B | 19890110 | | |
| | CA 1146558 | A1 | 19830517 | CA 1980-353274 | 19800603 |
| | DK 8002432 | A | 19801206 | DK 1980-2432 | 19800604 |
| | ZA 8003330 | A | 19810624 | ZA 1980-3330 | 19800604 |
| | HU 24849 | A2 | 19830428 | HU 1980-1408 | 19800604 |
| | HU 182143 | B | 19831228 | | |
| | SU 1050563 | A3 | 19831023 | SU 1981-3280253 | 19810507 |
| | US 4465684 | A | 19840814 | US 1981-323153 | 19811120 |
| | DK 8402852 | A | 19840608 | DK 1984-2852 | 19840608 |
| | NO 8502778 | A | 19801208 | NO 1985-2778 | 19850710 |
| | DK 8603653 | A | 19860731 | DK 1986-3653 | 19860731 |
| | DK 8603654 | A | 19860731 | DK 1986-3654 | 19860731 |
| | DK 158981 | B | 19900813 | | |
| | DK 158981 | C | 19910107 | | |
| | DK 8603655 | A | 19860731 | DK 1986-3655 | 19860731 |

DK 157922 B 19900305
 DK 157922 C 19900820
 PRAI DE 1979-2922760 A 19790605
 EP 1980-102943 A 19800527
 US 1980-153286 A1 19800527
 DK 1980-2432 A 19800604
 OS MARPAT 95:25527

L10 ANSWER 34 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1981:65995 CAPLUS

DN 94:65995

OREF 94:10781a,10784a

TI N-Substituted moranoline derivatives

PA Nippon Shinyaku Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DI Patent

LA Japanese

FAN.CNT 3

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|-----------------|------|----------|-----------------|----------|
| PI | JP 55047655 | A | 19800404 | JP 1978-120661 | 19780929 |
| | JP 59043949 | B | 19841025 | | |
| | GB 2020278 | A | 19791114 | GB 1979-9865 | 19790321 |
| | GB 2020278 | B | 19830223 | | |
| | DE 2915037 | A1 | 19791108 | DE 1979-2915037 | 19790412 |
| | DE 2915037 | B2 | 19810129 | | |
| | DE 2915037 | C3 | 19811105 | | |
| | FR 2424910 | A1 | 19791130 | FR 1979-10559 | 19790425 |
| | FR 2424910 | B1 | 19811211 | | |
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| | DK 151623 | B | 19871221 | | |
| | DK 151623 | C | 19880718 | | |
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 DT Patent
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| | SE 451016 | B | 19870824 | | |
| | SE 451016 | C | 19871203 | | |
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TI 3,4,5-Trihydroxypiperidine derivatives

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DT Patent

LA German

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